

■ Job Information

Subject No.	2024R-5
Job Title	Fixed Term Researcher
Department	Beyond 5G Research and Development Promotion Unit / Terahertz Technology Research Center, Terahertz Laboratory
Work Contents (Research theme)	Development of high-frequency telecommunication systems based on frequency combs
Detail of Work Contents	<p>We are developing energy-efficient telecommunication systems as well as measurement devices using compact frequency comb sources (such as microcombs), where both optical and high frequency carriers are mutually and seamlessly utilized. The candidate will be involved in designing, implementing, and evaluating such future systems by collaborating with our group members.</p> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
	Employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT' s internal research fundings.
Application requirement	An applicant must hold his/her Ph.D in science or engineering field by the time of employment. Those who have some experiences in terahertz technologies, photonic integrated circuits, and / or high-speed optical telecommunication systems are advantageous.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	<p>¥484,000 ~ ¥516,000/month</p> <p>Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.</p>
Work Place	Headquarters (Koganei-shi, Tokyo)
Working frequency	5days/week (7.5hours/day)

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.

Scope of change in work and workplace : No changes are expected in general.